

## Local Competition Reporting

Please complete separate surveys for the following types of operations and check the appropriate box to indicate which type you are reporting on this form.

ILEC                      X                      CLEC

Company                      Ameritech Corporation

Voice Grade and Equivalent Lines 2/

State                      Illinois

	Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
I. Voice grade lines <u>1/</u> <u>2/</u> in service as of December 31, 1998.				
A. Lines you used to provide service to end users, <u>3/</u> categorized by:				
1. Lines you owned. <u>4/</u>	4,115,521	2,730,712	(must be special access) 134,120	<b>6,980,353</b>
2. Lines you leased. <u>4/</u>	0	0	(must be special access) 0	0
3. Total lines you provided to end users. [Line 1 + Line 2]	4,115,521	2,730,712	(must be special access) 134,120	<b>6,980,353</b>
B. Lines you provided to other communications carriers, <u>3/</u> categorized by:				
4. Lines you owned <u>4/</u> that you provided under a UNE loop arrangement, defined in 47 U.S.C. §251. <u>5/</u>			(must be UNE loop) 20,469	20,469
5. Lines you owned <u>4/</u> that you provided under a wholesale (Total Service Resale) arrangement, defined in 47 U.S.C. §251. <u>5/</u>	83,881	112,300	(must be special access) 2,173	198,354
6. Lines you owned <u>4/</u> that you provided under other resale arrangements, such as centrex provided at retail rates for resale. <u>5/</u>	0	14,641	(must be special access) 3,058	17,699
7. Lines that you leased <u>4/</u> that you in turn provided under UNE, wholesale, or other resale arrangements.	0	0	(special access + UNE loop) 0	0
8. Total lines that you provided to other communications carriers. [Line 4 + Line 5 + Line 6 + Line 7]	83,881	126,941	(special access + UNE loop) 25,700	236,522
C. 9. Total voice grade lines. [Line 3 + Line 8]	4,199,402	2,857,653	(special access + UNE loop) 159,820	<b>7,216,875</b>

10. Contact Per James Smith

Contact Tel 202/326-3815

OMB NO: 3060-0816  
EXPIRATION DATE: 08/31/1999

Company Ameritech Corporation  
 State Illinois

II. Total voice grade lines 2/ that you owned 4/ that were in service to end users 3/ as of December 31, 1998 categorized by status of your switching center.

Switching Center Information			
Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
2,964,474	2,376,700	N/A	5,341,174
1,234,928	480,953	N/A	1,715,881
4,199,402	2,857,653	159,820	7,216,875

11. Lines in your switching centers where at least one competing communications carrier had an operational collocation arrangement for switched local exchange services.
12. Lines in your switching centers where no competing communications carrier had an operational collocation arrangement for switched local exchange services.
13. Total. [Line 11 + Line 12]  
[also equals Line 1 + Line 4 + Line 5 + Line 6]

III. High capacity lines 1/ 2/ in service as of December 31, 1998.

High Capacity Lines <u>2/</u>			
Number of Physical Lines/Channels in Service		Capacity of Lines/Channels in Service	
(a) T1/T3	(b) Other	(c) T1/T3 (1.544 mbps equivalents)	(d) Other (1.544 mbps equivalents)
50,806	234	71,740	58,509
0	0	0	0
50,806	234	71,740	58,509
2,628	0	4,275	0
0	0	0	0
53,434	234	76,015	58,509

A. Lines you used to provide service to end users, 3/ categorized by:

14. Lines you owned. 4/
15. Lines you leased. 4/
16. Total lines you provided to end users. [Line 14 + Line 15]

B. 17. Total lines that you provided to other communications carriers.

C. 18. Total lines connecting end users to internet service providers (ISPs) that you provide to the ISP rather than to the end user. 3/

D. 19. Total high capacity lines that you provided.  
[Line 16 + Line 17 + Line 18]

Company Ameritech Corporation

State Illinois

IV. Lines and channels 1/ in service as of December 31, 1998 categorized by technology:

- 20. T1.
- 21. T3.
- 22. Up to T1 equiv. xDSL. 8/
- 23. Greater than T1 equiv. xDSL. 8/
- 24. Up to T1 equiv. coaxial (including fiber-fed). 8/
- 25. Greater than T1 equiv. coaxial (including fiber-fed). 8/
- 26. Optical carrier.
- 27. Up to T1 equiv. electrical power line. 8/
- 28. Greater than T1 equiv. electrical power line. 8/
- 29. Up to T1 equiv. satellite fixed. 8/
- 30. Greater than T1 satellite fixed. 8/
- 31. Satellite mobile.
- 32. Up to T1 equiv. wireless fixed. 8/
- 33. Greater than T1 wireless fixed. 8/
- 34. Wireless mobile.
- 35. Other -- up to T1 equiv. 8/
- 36. Other -- greater than T1 equiv. 8/

Number of One-Way and Full Broadband <u>7/</u> Lines/Channels connected to Residential <u>5/</u> Customers			
(a) One-Way Broadband Provided Over Own Facilities	(b) One-Way Broadband Provided Over Resold Facilities	(c) Full Broadband Provided Over Own Facilities	(d) Full Broadband Provided Over Resold Facilities
0	0	0	0
0	0	0	0
0	0	45	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

V. Minutes of switched service handled over both voice grade and high capacity lines in the fourth calendar quarter of 1998.

- 37. Total switched local, intrastate toll and interstate toll minutes originated or terminated with end users.
- 38. Total switched local minutes exchanged with competing local carriers in your service area. (Do not include minutes exchanged with mobile telephony carriers.)
- 39. Total switched minutes exchanged with mobile telephony carriers.

Minutes		
Terminating (a)	Originating (b)	Total [(a) + (b)]
15734240534	18,738,543,677	34,472,784,211
148,825,853	2,467,045,106	2,615,870,959
608,192,442	228,610,200	836,802,642

Purpose: Data from this survey will be used to describe competition in the local exchange market and to gather information about the deployment of broadband services to residential customers. In addition, the data will be used to identify how much of the competition is provided on a facilities vs. a resale basis. Carriers should file separate data for voice grade and for higher capacity lines. For the voice grade part of the market, carriers should file separate data for residential, non-residential, and special access and UNE loop service.

Use of the term "lines": Interpret "lines" to mean either physical lines or wireless channels whose function is similar to lines. In categorizing lines as voice grade vs. high capacity (Sections I and III) and by type of broadband technology deployment (Section IV), base your response on the portion of the line or channel that connects to the customer's premise.

Entering responses: Leave entries blank only when redacting data for a publicly available version of your response. Use the number "0" (zero) for those values which are known to be zero, including questions that do not apply to your operations. Enter "N.A." only when values are known to be positive but are unavailable for reporting or if you cannot determine whether or not you have anything in that category. Please do not redact "0" or "N.A." responses.

1/

Include vs. exclude: Report in Section I and Section III all lines and channels that connect directly to an end user premises at one end and, at the other end, (directly or indirectly) to a carrier switch or to a network that carries traffic to the public switched telephone network. For example:

- include:
- UNE loops provided to other communications carriers even if those carriers were not using those lines to provide service to end users.
  - fixed wireless channels.
  - symmetric and asymmetric xDSL lines that carried customer voice and data to internet protocol, ATM based, or circuit switched networks whence traffic reached the public switched telephone network.
  - dedicated lines that connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network that carries traffic to the public switched telephone network.
- exclude:
- lines provided to carriers that were used for interoffice trunking.
  - private lines that connected one customer location directly to another.
  - lines not in service even if the lines were on order.
  - company official lines.
  - mobile satellite, cellular & PCS telephone service.
  - lines between your switching center and internet protocol, ATM or circuit switched networks, where you already are reporting the portion of the line between the end user and your switching center, even if you multiplexed those lines and provided higher capacity lines between your switching center and those networks.
  - lines that customers cannot use to place calls to subscribers of ordinary telephone service.

Report in Section IV all lines and channels used to provide broadband service to residential customers.

- include:
- all residential lines reported as high capacity lines in Section III.
  - lines that you use to provide internet access or internet services to residential customers.
  - lines to an residential end user that you provide to an internet service provider (ISP) and which the ISP uses to provide internet service to the residential end user.
- exclude:
- cable television service and other multi-channel video programming.
  - video on demand type service unless it is bundled with internet-type access.

2/

Voice grade vs. high capacity: Count as one voice grade equivalent line: traditional analog POTS lines, Centrex-CO extensions, and Centrex-CU trunks. Count a UNE loop as a single voice grade equivalent line unless it is specifically provided and equipped as a high capacity line. Classify high capacity lines/channels as T1/T3 vs. all other. Include DS1 and DS3 lines as T1/T3 lines/channels. Include xDSL, coaxial, optical carrier, electrical power, terrestrial fixed wireless and satellite fixed lines/channels as other lines/channels. In completing Section III, report actual line counts and capacity. For example, count eight 1/4 T1 circuits as eight physical lines and as two 1.544 mbps equivalents of capacity. Count optical carrier (SONET) lines as 33 T1 equivalents. Count a T3/DS3 line as 28 1.544 mbps equivalent lines. Count a PRI ISDN line as one 1.544 mbps equivalent line. Classify other digital lines as follows:

Reporting of Digital Lines/Channels				
Downstream Data Rate	Upstream Data Rate			
	Less than 48 kbps	48 kbps or more but less than 96 kbps	96 kbps up to 200 kbps	More than 200 kbps
Less than 48 kbps	do not report	do not report	do not report	one-way broadband
48 kbps or more but less than 96 kbps	do not report	one voice grade *	one voice grade *	high capacity and one-way broadband
96 kbps up to 200 kbps	do not report	one voice grade *	two voice grade *	high capacity and one-way broadband
More than 200 kbps	one-way broadband	high capacity and one-way broadband	high capacity and one-way broadband	high capacity and full broadband
* As noted above, digital lines are reported as voice grade lines only if they connect directly to an end user premises at one end and, at the other end, to a carrier switch or to a network that carries traffic to the public switched telephone network. For example, Basic Rate ISDN lines are reported as two voice grade lines.				

3/

End user vs. carrier vs. ISP: In Section I, separate lines provided to end users from lines provided to other communications carriers under resale or UNE arrangements. In Section III, separate high capacity lines that are connected to end users into three categories: lines that you provided to end users; lines that you provided to other communications carriers; and, lines to end users that you provided to internet service providers (ISPs) that the ISPs incorporated into their own product offerings. Include as end user lines in Section I-A and Section III-A lines billed or marketed by your agents. For example, include as end user lines all lines provided through traditional marketing agency arrangements, as well as lines furnished to shared tenant service providers.

4/

Own vs. lease: Only one filer should report that they own any specific line. Count as lines you own all lines that you actually owned as well as lines obtained from non-communications carriers and used as part of your own system. Count as lines you lease all lines that you obtained from another reporting communications carrier including lines obtained under UNE loop, wholesale (Total Service Resale), or other resale or lease arrangements. For example, if you take a voice grade UNE loop and use it to provide switched access service to a residential customer, report that line in Line 2, column (a).

- 5/ Residential vs. non-residential vs. special access and UNE loop: Classify lines as residential only if the line terminates with a residential end user. Exclude lines that terminate with business, government, education, shared tenant system, institutional and pay telephone customers. In Section I, classify all lines provided under UNE loop arrangements in column (c). Count a UNE loop as in service if it has been provided to and is being billed to the competing carrier regardless of whether that carrier has the line in service. Classify lines provided for resale as residential vs. non-residential according to the tariff/price list under which the service is provided. If the tariff/price list does not distinguish residential vs. non-residential service, estimate a split based on the demographics of the area in which the lines are provided. Include local private lines connecting an end user with a carrier in column (c). For reporting voice grade lines, classify as special access all dedicated lines connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network, even if these were provided under private line rather than special access tariffs. Report high capacity lines in Section III without any separate breakout for switched vs. special access vs. private line. In Section IV, include lines that connect to residential end users including lines billed to residential end users and lines billed to internet service providers that they incorporate into their own service offerings.
- 6/ A switching center is a location containing one or more switches. Do not count separate three-digit telephone prefixes as separate switching centers. Count a remote as a separate switching center if a competing carrier could obtain a UNE loop only at the remote switch rather than at the host switch. Note: this definition of a switching center is different from wire center based definitions of switching centers which include all remote switch locations as switching centers.
- 7/ One-way vs. full broadband: Classify a line/channel as full broadband if it provides the customer the capability of simultaneously sending and receiving information at a rate greater than 200 kbps. Classify a line/channel as one-way broadband if it provides the customer the capability of sending or receiving information at a rate greater than 200 kbps in one direction but 200 kbps or less in the other direction. As noted in footnote 1, broadband does not include cable TV service.
- 8/ Up to vs. greater than T1 equiv. broadband: In Section IV, classify xDSL, coaxial, electrical power, satellite fixed, wireless fixed and other lines/channels as greater than T1 equivalent if they provide the residential end user with the capability of transmitting or receiving greater than 1.544 mbps in one direction. Classify other broadband lines/channels as up to T1 equivalent.

Company

State

Space for comments or explanatory notes.

Line

Comment

- 1C Data is estimated on a "by state" weighted average of January 1999 data applied to actual December 98 *regional* data.  
Note: January 1999 data was the first available monthly data set broken out by state.  
Includes voice grade exchange (analog private line) and special access.
- 11C Data is not availble on a wire center basis.
- 12C Data is not availble on a wire center basis.

## Local Competition Reporting

Please complete separate surveys for the following types of operations and check the appropriate box to indicate which type you are reporting on this form.

ILEC



CLEC



Company

Ameritech Corporation

State

Indiana

Voice Grade and Equivalent Lines 2/

I. Voice grade lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users, 3/ categorized by:

1. Lines you owned 4/

1,430,150

777,403

(must be special access)

28,740

2,236,293

2. Lines you leased 4/

0

0

(must be special access)

0

0

3. Total lines you provided to end users.  
[Line 1 + Line 2]

1,430,150

777,403

(must be special access)

28,740

2,236,293

B. Lines you provided to other communications carriers, 3/ categorized by:

4. Lines you owned 4/ that you provided under a UNE loop arrangement, defined in 47 U.S.C. §251. 5/

(must be UNE loop)

460

460

5. Lines you owned 4/ that you provided under a wholesale (Total Service Resale) arrangement, defined in 47 U.S.C. §251. 5/

4,836

11,025

(must be special access)

389

16,250

6. Lines you owned 4/ that you provided under other resale arrangements, such as centrex provided at retail rates for resale. 5/

0

1,214

(must be special access)

1,231

2,445

7. Lines that you leased 4/ that you in turn provided under UNE, wholesale, or other resale arrangements.

0

0

(special access + UNE loop)

0

0

8. Total lines that you provided to other communications carriers. [Line 4 + Line 5 + Line 6 + Line 7]

4,836

12,239

(special access + UNE loop)

2,080

19,155

C. 9. Total voice grade lines. [Line 3 + Line 8]

1,434,986

789,642

(special access + UNE loop)

30,820

2,255,448

10. Contact Per James Smith

Contact Tel 202/326-3815

OMB NO: 3060-0816

EXPIRATION DATE: 08/31/1999



Company Ameritech Corporation  
 State Indiana

II. Total voice grade lines 2/ that you owned 4/ that were in service to end users 3/ as of December 31, 1998 categorized by status of your switching center.

11. Lines in your switching centers where at least one competing communications carrier had an operational collocation arrangement for switched local exchange services.
12. Lines in your switching centers where no competing communications carrier had an operational collocation arrangement for switched local exchange services.
13. Total. [Line 11 + Line 12]  
 [also equals Line 1 + Line 4 + Line 5 + Line 6]

Switching Center Information			
Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
590,488	450,424	N/A	1,040,912
844,498	339,218	N/A	1,183,716
1,434,986	789,642	30,820	2,255,448

III. High capacity lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users, 3/ categorized by:

14. Lines you owned, 4/
15. Lines you leased, 4/
16. Total lines you provided to end users. [Line 14 + Line 15]

B. 17. Total lines that you provided to other communications carriers.

C. 18. Total lines connecting end users to internet service providers (ISPs) that you provide to the ISP rather than to the end user. 3/

D. 19. Total high capacity lines that you provided.  
 [Line 16 + Line 17 + Line 18]

High Capacity Lines <u>2/</u>			
Number of Physical Lines/Channels in Service		Capacity of Lines/Channels in Service	
(a) T1/T3	(b) Other	(c) T1/T3 (1.544 mbps equivalents)	(d) Other (1.544 mbps equivalents)
12,273	16	18,159	7,425
0	0	0	0
12,273	16	18,159	7,425
378	0	405	0
0	0	0	0
12,651	16	18,564	7,425

Company Ameritech Corporation

State Indiana

IV. Lines and channels 1/ in service as of December 31, 1998  
categorized by technology:

- 20. T1.
- 21. T3.
- 22. Up to T1 equiv. xDSL. 8/
- 23. Greater than T1 equiv. xDSL. 8/
- 24. Up to T1 equiv. coaxial (including fiber-fed). 8/
- 25. Greater than T1 equiv. coaxial (including fiber-fed). 8/
- 26. Optical carrier.
- 27. Up to T1 equiv. electrical power line. 8/
- 28. Greater than T1 equiv. electrical power line. 8/
- 29. Up to T1 equiv. satellite fixed. 8/
- 30. Greater than T1 satellite fixed. 8/
- 31. Satellite mobile.
- 32. Up to T1 equiv. wireless fixed. 8/
- 33. Greater than T1 wireless fixed. 8/
- 34. Wireless mobile.
- 35. Other -- up to T1 equiv. 8/
- 36. Other -- greater than T1 equiv. 8/

Number of One-Way and Full Broadband <u>7</u> / Lines/Channels connected to Residential <u>5</u> / Customers			
(a) One-Way Broadband Provided Over Own Facilities	(b) One-Way Broadband Provided Over Resold Facilities	(c) Full Broadband Provided Over Own Facilities	(d) Full Broadband Provided Over Resold Facilities
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

V. Minutes of switched service handled over both voice grade and high  
capacity lines in the fourth calendar quarter of 1998.

- 37. Total switched local, intrastate toll and interstate toll  
minutes originated or terminated with end users.
- 38. Total switched local minutes exchanged with competing  
local carriers in your service area. (Do not include minutes  
exchanged with mobile telephony carriers.)
- 39. Total switched minutes exchanged with  
mobile telephony carriers.

Minutes		
Terminating (a)	Originating (b)	Total [(a) + (b)]
7,505,930,643	5,446,494,970	12,952,425,613
19,752,541	160,374,258	180,126,799
148,238,633	50,867,219	199,105,852

Purpose: Data from this survey will be used to describe competition in the local exchange market and to gather information about the deployment of broadband services to residential customers. In addition, the data will be used to identify how much of the competition is provided on a facilities vs. a resale basis. Carriers should file separate data for voice grade and for higher capacity lines. For the voice grade part of the market, carriers should file separate data for residential, non-residential, and special access and UNE loop service.

Use of the term "lines": Interpret "lines" to mean either physical lines or wireless channels whose function is similar to lines. In categorizing lines as voice grade vs. high capacity (Sections I and III) and by type of broadband technology deployment (Section IV), base your response on the portion of the line or channel that connects to the customer's premise.

Entering responses: Leave entries blank only when redacting data for a publicly available version of your response. Use the number "0" (zero) for those values which are known to be zero, including questions that do not apply to your operations. Enter "N.A." only when values are known to be positive but are unavailable for reporting or if you cannot determine whether or not you have anything in that category. Please do not redact "0" or "N.A." responses.

1/

Include vs. exclude: Report in Section I and Section III all lines and channels that connect directly to an end user premises at one end and, at the other end, (directly or indirectly) to a carrier switch or to a network that carries traffic to the public switched telephone network. For example:

- include:
- UNE loops provided to other communications carriers even if those carriers were not using those lines to provide service to end users.
  - fixed wireless channels.
  - symmetric and asymmetric xDSL lines that carried customer voice and data to internet protocol, ATM based, or circuit switched networks whence traffic reached the public switched telephone network.
  - dedicated lines that connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network that carries traffic to the public switched telephone network.
- exclude:
- lines provided to carriers that were used for interoffice trunking.
  - private lines that connected one customer location directly to another.
  - lines not in service even if the lines were on order.
  - company official lines.
  - mobile satellite, cellular & PCS telephone service.
  - lines between your switching center and internet protocol, ATM or circuit switched networks, where you already are reporting the portion of the line between the end user and your switching center, even if you multiplexed those lines and provided higher capacity lines between your switching center and those networks.
  - lines that customers cannot use to place calls to subscribers of ordinary telephone service.

Report in Section IV all lines and channels used to provide broadband service to residential customers.

- include:
- all residential lines reported as high capacity lines in Section III.
  - lines that you use to provide internet access or internet services to residential customers.
  - lines to an residential end user that you provide to an internet service provider (ISP) and which the ISP uses to provide internet service to the residential end user.
- exclude:
- cable television service and other multi-channel video programming.
  - video on demand type service unless it is bundled with internet-type access.

2/

Voice grade vs. high capacity: Count as one voice grade equivalent line: traditional analog POTS lines, Centrex-CO extensions, and Centrex-CU trunks.

Count a UNE loop as a single voice grade equivalent line unless it is specifically provided and equipped as a high capacity line. Classify high capacity lines/channels as T1/T3 vs. all other. Include DS1 and DS3 lines as T1/T3 lines/channels. Include xDSL, coaxial, optical carrier, electrical power, terrestrial fixed wireless and satellite fixed lines/channels as other lines/channels. In completing Section III, report actual line counts and capacity. For example, count eight 1/4 T1 circuits as eight physical lines and as two 1.544 mbps equivalents of capacity. Count optical carrier (SONET) lines as 33 T1 equivalents. Count a T3/DS3 line as 28 1.544 mbps equivalent lines. Count a PRI ISDN line as one 1.544 mbps equivalent line. Classify other digital lines as follows:

Reporting of Digital Lines/Channels				
Downstream Data Rate	Upstream Data Rate			
	Less than 48 kbps	48 kbps or more but less than 96 kbps	96 kbps up to 200 kbps	More than 200 kbps
Less than 48 kbps	do not report	do not report	do not report	one-way broadband
48 kbps or more but less than 96 kbps	do not report	one voice grade *	one voice grade *	high capacity and one-way broadband
96 kbps up to 200 kbps	do not report	one voice grade *	two voice grade *	high capacity and one-way broadband
More than 200 kbps	one-way broadband	high capacity and one-way broadband	high capacity and one-way broadband	high capacity and full broadband
* As noted above, digital lines are reported as voice grade lines only if they connect directly to an end user premises at one end and, at the other end, to a carrier switch or to a network that carries traffic to the public switched telephone network. For example, Basic Rate ISDN lines are reported as two voice grade lines.				

3/

End user vs. carrier vs. ISP: In Section I, separate lines provided to end users from lines provided to other communications carriers under resale or UNE arrangements. In Section III, separate high capacity lines that are connected to end users into three categories: lines that you provided to end users; lines that you provided to other communications carriers; and, lines to end users that you provided to internet service providers (ISPs) that the ISPs incorporated into their own product offerings. Include as end user lines in Section I-A and Section III-A lines billed or marketed by your agents. For example, include as end user lines all lines provided through traditional marketing agency arrangements, as well as lines furnished to shared tenant service providers.

4/

Own vs. lease: Only one filer should report that they own any specific line. Count as lines you own all lines that you actually owned as well as lines obtained from non-communications carriers and used as part of your own system. Count as lines you lease all lines that you obtained from another reporting communications carrier including lines obtained under UNE loop, wholesale (Total Service Resale), or other resale or lease arrangements. For example, if you take a voice grade UNE loop and use it to provide switched access service to a residential customer, report that line in Line 2, column (a).

- 5/ Residential vs. non-residential vs. special access and UNE loop: Classify lines as residential only if the line terminates with a residential end user. Exclude lines that terminate with business, government, education, shared tenant system, institutional and pay telephone customers. In Section I, classify all lines provided under UNE loop arrangements in column (c). Count a UNE loop as in service if it has been provided to and is being billed to the competing carrier regardless of whether that carrier has the line in service. Classify lines provided for resale as residential vs. non-residential according to the tariff/price list under which the service is provided. If the tariff/price list does not distinguish residential vs. non-residential service, estimate a split based on the demographics of the area in which the lines are provided. Include local private lines connecting an end user with a carrier in column (c). For reporting voice grade lines, classify as special access all dedicated lines connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network, even if these were provided under private line rather than special access tariffs. Report high capacity lines in Section III without any separate breakout for switched vs. special access vs. private line. In Section IV, include lines that connect to residential end users including lines billed to residential end users and lines billed to internet service providers that they incorporate into their own service offerings.
- 6/ A switching center is a location containing one or more switches. Do not count separate three-digit telephone prefixes as separate switching centers. Count a remote as a separate switching center if a competing carrier could obtain a UNE loop only at the remote switch rather than at the host switch. Note: this definition of a switching center is different from wire center based definitions of switching centers which include all remote switch locations as switching centers.
- 7/ One-way vs. full broadband: Classify a line/channel as full broadband if it provides the customer the capability of simultaneously sending and receiving information at a rate greater than 200 kbps. Classify a line/channel as one-way broadband if it provides the customer the capability of sending or receiving information at a rate greater than 200 kbps in one direction but 200 kbps or less in the other direction. As noted in footnote 1, broadband does not include cable TV service.
- 8/ Up to vs. greater than T1 equiv. broadband: In Section IV, classify xDSL, coaxial, electrical power, satellite fixed, wireless fixed and other lines/channels as greater than T1 equivalent if they provide the residential end user with the capability of transmitting or receiving greater than 1.544 mbps in one direction. Classify other broadband lines/channels as up to T1 equivalent.

Company	Ameritech Corporation
State	Indiana

Space for comments or explanatory notes.

<u>Line</u>	<u>Comment</u>
1C	Data is estimated on a "by state" weighted average of January 1999 data applied to actual December 98 <i>regional</i> data. Note: January 1999 data was the first available monthly data set broken out by state. Includes voice grade exchange (analog private line) and special access.
11C	Data is not availble on a wire center basis.
12C	Data is not availble on a wire center basis.

## Local Competition Reporting

Please complete separate surveys for the following types of operations and check the appropriate box to indicate which type you are reporting on this form.

ILEC

☒

CLEC

☐

Company

Ameritech Corporation

State

Michigan

Voice Grade and Equivalent Lines 2/

I. Voice grade lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users, 3/ categorized by:

1. Lines you owned 4/

3,354,842

1,906,908

(must be special access)

90845

5,352,595

2. Lines you leased 4/

0

0

(must be special access)

0

0

3. Total lines you provided to end users.  
[Line 1 + Line 2]

3,354,842

1,906,908

(must be special access)

90845

5,352,595

B. Lines you provided to other communications carriers, 3/ categorized by:

4. Lines you owned 4/ that you provided under a UNE loop arrangement, defined in 47 U.S.C. §251. 5/

(must be UNE loop)

47,808

47,808

5. Lines you owned 4/ that you provided under a wholesale (Total Service Resale) arrangement, defined in 47 U.S.C. §251. 5/

79,483

39,325

(must be special access)

971

119,779

6. Lines you owned 4/ that you provided under other resale arrangements, such as centrex provided at retail rates for resale. 5/

0

10,823

(must be special access)

1,494

12,317

7. Lines that you leased 4/ that you in turn provided under UNE, wholesale, or other resale arrangements.

0

0

(special access + UNE loop)

0

0

8. Total lines that you provided to other communications carriers. [Line 4 + Line 5 + Line 6 + Line 7]

79,483

50,148

(special access + UNE loop)

50,273

179,904

C. 9. Total voice grade lines. [Line 3 + Line 8]

3,434,325

1,957,056

(special access + UNE loop)

141,118

5,532,499

10. Contact Per James Smith

Contact Tel 202/326-3815

OMB NO: 3060-0816

EXPIRATION DATE: 08/31/1999

Company Ameritech Corporation  
 State Michigan

II. Total voice grade lines 2/ that you owned 4/ that were in service to end users 3/ as of December 31, 1998 categorized by status of your switching center.

11. Lines in your switching centers where at least one competing communications carrier had an operational collocation arrangement for switched local exchange services.
12. Lines in your switching centers where no competing communications carrier had an operational collocation arrangement for switched local exchange services.
13. Total. [Line 11 + Line 12]  
[also equals Line 1 + Line 4 + Line 5 + Line 6]

Switching Center Information			
Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
1,697,541	1,233,953	N/A	2,931,494
1,736,784	723,103	N/A	2,459,887
3,434,325	1,957,056	141,118	5,532,499

III. High capacity lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users. 3/ categorized by:

14. Lines you owned. 4/
15. Lines you leased. 4/
16. Total lines you provided to end users. [Line 14 + Line 15]

B. 17. Total lines that you provided to other communications carriers.

C. 18. Total lines connecting end users to internet service providers (ISPs) that you provide to the ISP rather than to the end user. 3/

D. 19. Total high capacity lines that you provided.  
[Line 16 + Line 17 + Line 18]

High Capacity Lines <u>2/</u>			
Number of Physical Lines/Channels in Service		Capacity of Lines/Channels in Service	
(a) T1/T3	(b) Other	(c) T1/T3 (1.544 mbps equivalents)	(d) Other (1.544 mbps equivalents)
29,804	349	42,342	32,175
0	0	0	0
29,804	349	42,342	32,175
1,796	0	2,147	0
0	0	0	0
31,600	349	44,489	32,175



Company Ameritech Corporation

State Michigan

IV. Lines and channels 1/ in service as of December 31, 1998  
categorized by technology:

- 20. T1.
- 21. T3.
- 22. Up to T1 equiv. xDSL. 8/
- 23. Greater than T1 equiv. xDSL. 8/
- 24. Up to T1 equiv. coaxial (including fiber-fed). 8/
- 25. Greater than T1 equiv. coaxial (including fiber-fed). 8/
- 26. Optical carrier.
- 27. Up to T1 equiv. electrical power line. 8/
- 28. Greater than T1 equiv. electrical power line. 8/
- 29. Up to T1 equiv. satellite fixed. 8/
- 30. Greater than T1 satellite fixed. 8/
- 31. Satellite mobile.
- 32. Up to T1 equiv. wireless fixed. 8/
- 33. Greater than T1 wireless fixed. 8/
- 34. Wireless mobile.
- 35. Other -- up to T1 equiv. 8/
- 36. Other -- greater than T1 equiv. 8/

Number of One-Way and Full Broadband <u>7</u> / Lines/Channels connected to Residential <u>5</u> / Customers			
(a) One-Way Broadband Provided Over Own Facilities	(b) One-Way Broadband Provided Over Resold Facilities	(c) Full Broadband Provided Over Own Facilities	(d) Full Broadband Provided Over Resold Facilities
0	0	0	0
0	0	0	0
0	0	262	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

V. Minutes of switched service handled over both voice grade and high  
capacity lines in the fourth calendar quarter of 1998.

- 37. Total switched local, intrastate toll and interstate toll  
minutes originated or terminated with end users.
- 38. Total switched local minutes exchanged with competing  
local carriers in your service area. (Do not include minutes  
exchanged with mobile telephony carriers.)
- 39. Total switched minutes exchanged with  
mobile telephony carriers.

Minutes		
Terminating (a)	Originating (b)	Total [(a) + (b)]
13,884,810,112	13,833,531,181	27,718,341,293
147,481,769	1,772,833,080	1,920,314,849
441,449,311	113,303,639	554,752,950

Purpose: Data from this survey will be used to describe competition in the local exchange market and to gather information about the deployment of broadband services to residential customers. In addition, the data will be used to identify how much of the competition is provided on a facilities vs. a resale basis. Carriers should file separate data for voice grade and for higher capacity lines. For the voice grade part of the market, carriers should file separate data for residential, non-residential, and special access and UNE loop service.

Use of the term "lines": Interpret "lines" to mean either physical lines or wireless channels whose function is similar to lines. In categorizing lines as voice grade vs. high capacity (Sections I and III) and by type of broadband technology deployment (Section IV), base your response on the portion of the line or channel that connects to the customer's premise.

Entering responses: Leave entries blank only when redacting data for a publicly available version of your response. Use the number "0" (zero) for those values which are known to be zero, including questions that do not apply to your operations. Enter "N.A." only when values are known to be positive but are unavailable for reporting or if you cannot determine whether or not you have anything in that category. Please do not redact "0" or "N.A." responses.

1/

Include vs. exclude: Report in Section I and Section III all lines and channels that connect directly to an end user premises at one end and, at the other end, (directly or indirectly) to a carrier switch or to a network that carries traffic to the public switched telephone network. For example:

- include:
- UNE loops provided to other communications carriers even if those carriers were not using those lines to provide service to end users.
  - fixed wireless channels.
  - symmetric and asymmetric xDSL lines that carried customer voice and data to internet protocol, ATM based, or circuit switched networks whenever traffic reached the public switched telephone network.
  - dedicated lines that connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network that carries traffic to the public switched telephone network.
- exclude:
- lines provided to carriers that were used for interoffice trunking.
  - private lines that connected one customer location directly to another.
  - lines not in service even if the lines were on order.
  - company official lines.
  - mobile satellite, cellular & PCS telephone service.
  - lines between your switching center and internet protocol, ATM or circuit switched networks, where you already are reporting the portion of the line between the end user and your switching center, even if you multiplexed those lines and provided higher capacity lines between your switching center and those networks.
  - lines that customers cannot use to place calls to subscribers of ordinary telephone service.

Report in Section IV all lines and channels used to provide broadband service to residential customers.

- include:
- all residential lines reported as high capacity lines in Section III.
  - lines that you use to provide internet access or internet services to residential customers.
  - lines to an residential end user that you provide to an internet service provider (ISP) and which the ISP uses to provide internet service to the residential end user.
- exclude:
- cable television service and other multi-channel video programming.
  - video on demand type service unless it is bundled with internet-type access.

2/

Voice grade vs. high capacity: Count as one voice grade equivalent line: traditional analog POTS lines, Centrex-CO extensions, and Centrex-CU trunks. Count a UNE loop as a single voice grade equivalent line unless it is specifically provided and equipped as a high capacity line. Classify high capacity lines/channels as T1/T3 vs. all other. Include DS1 and DS3 lines as T1/T3 lines/channels. Include xDSL, coaxial, optical carrier, electrical power, terrestrial fixed wireless and satellite fixed lines/channels as other lines/channels. In completing Section III, report actual line counts and capacity. For example, count eight 1/4 T1 circuits as eight physical lines and as two 1.544 mbps equivalents of capacity. Count optical carrier (SONET) lines as 33 T1 equivalents. Count a T3/DS3 line as 28 1.544 mbps equivalent lines. Count a PRI ISDN line as one 1.544 mbps equivalent line. Classify other digital lines as follows:

Reporting of Digital Lines/Channels				
Downstream Data Rate	Upstream Data Rate			
	Less than 48 kbps	48 kbps or more but less than 96 kbps	96 kbps up to 200 kbps	More than 200 kbps
Less than 48 kbps	do not report	do not report	do not report	one-way broadband
48 kbps or more but less than 96 kbps	do not report	one voice grade *	one voice grade *	high capacity and one-way broadband
96 kbps up to 200 kbps	do not report	one voice grade *	two voice grade *	high capacity and one-way broadband
More than 200 kbps	one-way broadband	high capacity and one-way broadband	high capacity and one-way broadband	high capacity and full broadband
* As noted above, digital lines are reported as voice grade lines only if they connect directly to an end user premises at one end and, at the other end, to a carrier switch or to a network that carries traffic to the public switched telephone network. For example, Basic Rate ISDN lines are reported as two voice grade lines.				

3/

End user vs. carrier vs. ISP: In Section I, separate lines provided to end users from lines provided to other communications carriers under resale or UNE arrangements. In Section III, separate high capacity lines that are connected to end users into three categories: lines that you provided to end users; lines that you provided to other communications carriers; and, lines to end users that you provided to internet service providers (ISPs) that the ISPs incorporated into their own product offerings. Include as end user lines in Section I-A and Section III-A lines billed or marketed by your agents. For example, include as end user lines all lines provided through traditional marketing agency arrangements, as well as lines furnished to shared tenant service providers.

4/

Own vs. lease: Only one filer should report that they own any specific line. Count as lines you own all lines that you actually owned as well as lines obtained from non-communications carriers and used as part of your own system. Count as lines you lease all lines that you obtained from another reporting communications carrier including lines obtained under UNE loop, wholesale (Total Service Resale), or other resale or lease arrangements. For example, if you take a voice grade UNE loop and use it to provide switched access service to a residential customer, report that line in Line 2, column (a).

- 5/ Residential vs. non-residential vs. special access and UNE loop: Classify lines as residential only if the line terminates with a residential end user. Exclude lines that terminate with business, government, education, shared tenant system, institutional and pay telephone customers. In Section I, classify all lines provided under UNE loop arrangements in column (c). Count a UNE loop as in service if it has been provided to and is being billed to the competing carrier regardless of whether that carrier has the line in service. Classify lines provided for resale as residential vs. non-residential according to the tariff/price list under which the service is provided. If the tariff/price list does not distinguish residential vs. non-residential service, estimate a split based on the demographics of the area in which the lines are provided. Include local private lines connecting an end user with a carrier in column (c). For reporting voice grade lines, classify as special access all dedicated lines connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network, even if these were provided under private line rather than special access tariffs. Report high capacity lines in Section III without any separate breakout for switched vs. special access vs. private line. In Section IV, include lines that connect to residential end users including lines billed to residential end users and lines billed to internet service providers that they incorporate into their own service offerings.
- 6/ A switching center is a location containing one or more switches. Do not count separate three-digit telephone prefixes as separate switching centers. Count a remote as a separate switching center if a competing carrier could obtain a UNE loop only at the remote switch rather than at the host switch. Note: this definition of a switching center is different from wire center based definitions of switching centers which include all remote switch locations as switching centers.
- 7/ One-way vs. full broadband: Classify a line/channel as full broadband if it provides the customer the capability of simultaneously sending and receiving information at a rate greater than 200 kbps. Classify a line/channel as one-way broadband if it provides the customer the capability of sending or receiving information at a rate greater than 200 kbps in one direction but 200 kbps or less in the other direction. As noted in footnote 1, broadband does not include cable TV service.
- 8/ Up to vs. greater than T1 equiv. broadband: In Section IV, classify xDSL, coaxial, electrical power, satellite fixed, wireless fixed and other lines/channels as greater than T1 equivalent if they provide the residential end user with the capability of transmitting or receiving greater than 1.544 mbps in one direction. Classify other broadband lines/channels as up to T1 equivalent.

Company	Ameritech Corporation
State	Michigan

Space for comments or explanatory notes.

<u>Line</u>	<u>Comment</u>
1C	Data is estimated on a "by state" weighted average of January 1999 data applied to actual December 98 <i>regional</i> data. Note: January 1999 data was the first available monthly data set broken out by state. Includes voice grade exchange (analog private line) and special access.
11C	Data is not availble on a wire center basis.
12C	Data is not availble on a wire center basis.

## Local Competition Reporting

Please complete separate surveys for the following types of operations and check the appropriate box to indicate which type you are reporting on this form.

ILEC

☒

CLEC

☐

Company

Ameritech Corporation

State

Ohio

Voice Grade and Equivalent Lines 2/

I. Voice grade lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users, 3/ categorized by:

1. Lines you owned 4/

2,737,071

1,253,505

(must be special access)

65078

4,055,654

2. Lines you leased 4/

0

0

(must be special access)

0

0

3. Total lines you provided to end users.  
[Line 1 + Line 2]

2,737,071

1,253,505

(must be special access)

65078

4,055,654

B. Lines you provided to other communications carriers, 3/ categorized by:

4. Lines you owned 4/ that you provided under a UNE loop arrangement, defined in 47 U.S.C. §251. 5/

(must be UNE loop)

23,769

23,769

5. Lines you owned 4/ that you provided under a wholesale (Total Service Resale) arrangement, defined in 47 U.S.C. §251. 5/

5,615

71,407

(must be special access)

857

77,879

6. Lines you owned 4/ that you provided under other resale arrangements, such as centrex provided at retail rates for resale. 5/

0

26,366

(must be special access)

1,158

27,524

7. Lines that you leased 4/ that you in turn provided under UNE, wholesale, or other resale arrangements.

0

0

(special access + UNE loop)

0

0

8. Total lines that you provided to other communications carriers. [Line 4 + Line 5 + Line 6 + Line 7]

5,615

97,773

(special access + UNE loop)

25,784

129,172

C. 9. Total voice grade lines. [Line 3 + Line 8]

2,742,686

1,351,278

(special access + UNE loop)

90,862

4,184,826

10. Contact Per James Smith

Contact Tel 202/326-3815

OMB NO: 3060-0816

EXPIRATION DATE: 08/31/1999

Company Ameritech Corporation  
 State Ohio

II. Total voice grade lines 2/ that you owned 4/ that were in service to end users 3/ as of December 31, 1998 categorized by status of your switching center.

11. Lines in your switching centers where at least one competing communications carrier had an operational collocation arrangement for switched local exchange services.
12. Lines in your switching centers where no competing communications carrier had an operational collocation arrangement for switched local exchange services.
13. Total. [Line 11 + Line 12]  
 [also equals Line 1 + Line 4 + Line 5 + Line 6]

Switching Center Information			
Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
1,366,201	891,204	N/A	2,257,405
1,376,485	460,074	N/A	1,836,559
2,742,686	1,351,278	90,862	4,184,826

III. High capacity lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users. 3/ categorized by:

14. Lines you owned. 4/
15. Lines you leased. 4/
16. Total lines you provided to end users. [Line 14 + Line 15]

B. 17. Total lines that you provided to other communications carriers.

C. 18. Total lines connecting end users to internet service providers (ISPs) that you provide to the ISP rather than to the end user. 3/

D. 19. Total high capacity lines that you provided.  
 [Line 16 + Line 17 + Line 18]

High Capacity Lines <u>2/</u>			
Number of Physical Lines/Channels in Service		Capacity of Lines/Channels in Service	
(a) T1/T3	(b) Other	(c) T1/T3 (1.544 mbps equivalents)	(d) Other (1.544 mbps equivalents)
29,127	75	43,535	24,552
0	0	0	0
29,127	75	43,535	24,552
650	0	1217	0
0	0	0	0
29,777	75	44,752	24,552

Company Ameritech Corporation

State Ohio

IV. Lines and channels 1/ in service as of December 31, 1998  
categorized by technology:

- 20. T1.
- 21. T3.
- 22. Up to T1 equiv. xDSL. 8/
- 23. Greater than T1 equiv. xDSL. 8/
- 24. Up to T1 equiv. coaxial (including fiber-fed). 8/
- 25. Greater than T1 equiv. coaxial (including fiber-fed). 8/
- 26. Optical carrier.
- 27. Up to T1 equiv. electrical power line. 8/
- 28. Greater than T1 equiv. electrical power line. 8/
- 29. Up to T1 equiv. satellite fixed. 8/
- 30. Greater than T1 satellite fixed. 8/
- 31. Satellite mobile.
- 32. Up to T1 equiv. wireless fixed. 8/
- 33. Greater than T1 wireless fixed. 8/
- 34. Wireless mobile.
- 35. Other -- up to T1 equiv. 8/
- 36. Other -- greater than T1 equiv. 8/

Number of One-Way and Full Broadband <u>7</u> / Lines/Channels connected to Residential <u>5</u> / Customers			
(a) One-Way Broadband Provided Over Own Facilities	(b) One-Way Broadband Provided Over Resold Facilities	(c) Full Broadband Provided Over Own Facilities	(d) Full Broadband Provided Over Resold Facilities
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

V. Minutes of switched service handled over both voice grade and high  
capacity lines in the fourth calendar quarter of 1998.

- 37. Total switched local, intrastate toll and interstate toll  
minutes originated or terminated with end users.
- 38. Total switched local minutes exchanged with competing  
local carriers in your service area. (Do not include minutes  
exchanged with mobile telephony carriers.)
- 39. Total switched minutes exchanged with  
mobile telephony carriers.

Minutes		
Terminating (a)	Originating (b)	Total [(a) + (b)]
11,414,235,570	12,288,880,555	23,703,116,125
61,942,769	1,207,437,077	1,269,379,846
273,694,315	109,026,552	382,720,867



Purpose: Data from this survey will be used to describe competition in the local exchange market and to gather information about the deployment of broadband services to residential customers. In addition, the data will be used to identify how much of the competition is provided on a facilities vs. a resale basis. Carriers should file separate data for voice grade and for higher capacity lines. For the voice grade part of the market, carriers should file separate data for residential, non-residential, and special access and UNE loop service.

Use of the term "lines": Interpret "lines" to mean either physical lines or wireless channels whose function is similar to lines. In categorizing lines as voice grade vs. high capacity (Sections I and III) and by type of broadband technology deployment (Section IV), base your response on the portion of the line or channel that connects to the customer's premise.

Entering responses: Leave entries blank only when redacting data for a publicly available version of your response. Use the number "0" (zero) for those values which are known to be zero, including questions that do not apply to your operations. Enter "N.A." only when values are known to be positive but are unavailable for reporting or if you cannot determine whether or not you have anything in that category. Please do not redact "0" or "N.A." responses.

1/

Include vs. exclude: Report in Section I and Section III all lines and channels that connect directly to an end user premises at one end and, at the other end, (directly or indirectly) to a carrier switch or to a network that carries traffic to the public switched telephone network. For example:

- include:
- UNE loops provided to other communications carriers even if those carriers were not using those lines to provide service to end users.
  - fixed wireless channels.
  - symmetric and asymmetric xDSL lines that carried customer voice and data to internet protocol, ATM based, or circuit switched networks whence traffic reached the public switched telephone network.
  - dedicated lines that connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network that carries traffic to the public switched telephone network.
- exclude:
- lines provided to carriers that were used for interoffice trunking.
  - private lines that connected one customer location directly to another.
  - lines not in service even if the lines were on order.
  - company official lines.
  - mobile satellite, cellular & PCS telephone service.
  - lines between your switching center and internet protocol, ATM or circuit switched networks, where you already are reporting the portion of the line between the end user and your switching center, even if you multiplexed those lines and provided higher capacity lines between your switching center and those networks.
  - lines that customers cannot use to place calls to subscribers of ordinary telephone service.

Report in Section IV all lines and channels used to provide broadband service to residential customers.

- include:
- all residential lines reported as high capacity lines in Section III.
  - lines that you use to provide internet access or internet services to residential customers.
  - lines to an residential end user that you provide to an internet service provider (ISP) and which the ISP uses to provide internet service to the residential end user.
- exclude:
- cable television service and other multi-channel video programming.
  - video on demand type service unless it is bundled with internet-type access.

2/

Voice grade vs. high capacity: Count as one voice grade equivalent line: traditional analog POTS lines, Centrex-CO extensions, and Centrex-CU trunks. Count a UNE loop as a single voice grade equivalent line unless it is specifically provided and equipped as a high capacity line. Classify high capacity lines/channels as T1/T3 vs. all other. Include DS1 and DS3 lines as T1/T3 lines/channels. Include xDSL, coaxial, optical carrier, electrical power, terrestrial fixed wireless and satellite fixed lines/channels as other lines/channels. In completing Section III, report actual line counts and capacity. For example, count eight 1/4 T1 circuits as eight physical lines and as two 1.544 mbps equivalents of capacity. Count optical carrier (SONET) lines as 33 T1 equivalents. Count a T3/DS3 line as 28 1.544 mbps equivalent lines. Count a PRI ISDN line as one 1.544 mbps equivalent line. Classify other digital lines as follows:

Reporting of Digital Lines/Channels				
Downstream Data Rate	Upstream Data Rate			
	Less than 48 kbps	48 kbps or more but less than 96 kbps	96 kbps up to 200 kbps	More than 200 kbps
Less than 48 kbps	do not report	do not report	do not report	one-way broadband
48 kbps or more but less than 96 kbps	do not report	one voice grade *	one voice grade *	high capacity and one-way broadband
96 kbps up to 200 kbps	do not report	one voice grade *	two voice grade *	high capacity and one-way broadband
More than 200 kbps	one-way broadband	high capacity and one-way broadband	high capacity and one-way broadband	high capacity and full broadband
* As noted above, digital lines are reported as voice grade lines only if they connect directly to an end user premises at one end and, at the other end, to a carrier switch or to a network that carries traffic to the public switched telephone network. For example, Basic Rate ISDN lines are reported as two voice grade lines.				

3/

End user vs. carrier vs. ISP: In Section I, separate lines provided to end users from lines provided to other communications carriers under resale or UNE arrangements. In Section III, separate high capacity lines that are connected to end users into three categories: lines that you provided to end users; lines that you provided to other communications carriers; and, lines to end users that you provided to internet service providers (ISPs) that the ISPs incorporated into their own product offerings. Include as end user lines in Section I-A and Section III-A lines billed or marketed by your agents. For example, include as end user lines all lines provided through traditional marketing agency arrangements, as well as lines furnished to shared tenant service providers.

4/

Own vs. lease: Only one filer should report that they own any specific line. Count as lines you own all lines that you actually owned as well as lines obtained from non-communications carriers and used as part of your own system. Count as lines you lease all lines that you obtained from another reporting communications carrier including lines obtained under UNE loop, wholesale (Total Service Resale), or other resale or lease arrangements. For example, if you take a voice grade UNE loop and use it to provide switched access service to a residential customer, report that line in Line 2, column (a).

5/ Residential vs. non-residential vs. special access and UNE loop: Classify lines as residential only if the line terminates with a residential end user. Exclude lines that terminate with business, government, education, shared tenant system, institutional and pay telephone customers. In Section I, classify all lines provided under UNE loop arrangements in column (c). Count a UNE loop as in service if it has been provided to and is being billed to the competing carrier regardless of whether that carrier has the line in service. Classify lines provided for resale as residential vs. non-residential according to the tariff/price list under which the service is provided. If the tariff/price list does not distinguish residential vs. non-residential service, estimate a split based on the demographics of the area in which the lines are provided. Include local private lines connecting an end user with a carrier in column (c). For reporting voice grade lines, classify as special access all dedicated lines connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network, even if these were provided under private line rather than special access tariffs. Report high capacity lines in Section III without any separate breakout for switched vs. special access vs. private line. In Section IV, include lines that connect to residential end users including lines billed to residential end users and lines billed to internet service providers that they incorporate into their own service offerings.

6/ A switching center is a location containing one or more switches. Do not count separate three-digit telephone prefixes as separate switching centers. Count a remote as a separate switching center if a competing carrier could obtain a UNE loop bonly at the remote switch rather than at the host switch. Note: this definition of a switching center is different from wire center based definitions of switching centers which include all remote switch locations as switching centers.

7/ One-way vs. full broadband: Classify a line/channel as full broadband if it provides the customer the capability of simultaneously sending and receiving information at a rate greater than 200 kbps. Classify a line/channel as one-way broadband if it provides the customer the capability of sending or receiving information at a rate greater than 200 kbps in one direction but 200 kbps or less in the other direction. As noted in footnote 1, broadband does not include cable TV service.

8/ Up to vs. greater than T1 equiv. broadband: In Section IV, classify xDSL, coaxial, electrical power, satellite fixed, wireless fixed and other lines/channels as greater than T1 equivalent if they provide the residential end user with the capability of transmitting or receiving greater than 1.544 mbps in one direction. Classify other broadband lines/channels as up to T1 equivalent.

Company	Ameritech Corporation
State	Ohio

Space for comments or explanatory notes.

<u>Line</u>	<u>Comment</u>
1C	Data is estimated on a "by state" weighted average of January 1999 data applied to actual December 98 <i>regional</i> data. Note: January 1999 data was the first available monthly data set broken out by state. Includes voice grade exchange (analog private line) and special access.
11C	Data is not availble on a wire center basis.
12C	Data is not availble on a wire center basis.

## Local Competition Reporting

Please complete separate surveys for the following types of operations and check the appropriate box to indicate which type you are reporting on this form.

ILEC

☒

CLEC

☐

Company

Ameritech Corporation

State

Wisconsin

Voice Grade and Equivalent Lines 2/

I. Voice grade lines 1/ 2/ in service as of December 31, 1998.

A. Lines you used to provide service to end users, 3/ categorized by:

1. Lines you owned. 4/

1,419,533

725,390

(must be special access)

11,892

2,156,815

2. Lines you leased. 4/

0

0

(must be special access)

0

0

3. Total lines you provided to end users.  
[Line 1 + Line 2]

1,419,533

725,390

(must be special access)

11,892

2,156,815

B. Lines you provided to other communications carriers, 3/ categorized by:

4. Lines you owned 4/ that you provided under a UNE loop arrangement, defined in 47 U.S.C. §251. 5/

(must be UNE loop)

7,053

7,053

5. Lines you owned 4/ that you provided under a wholesale (Total Service Resale) arrangement, defined in 47 U.S.C. §251. 5/

5,624

36,336

(must be special access)

233

42,193

6. Lines you owned 4/ that you provided under other resale arrangements, such as centrex provided at retail rates for resale. 5/

0

564

(must be special access)

1,362

1,926

7. Lines that you leased 4/ that you in turn provided under UNE, wholesale, or other resale arrangements.

0

0

(special access + UNE loop)

0

0

8. Total lines that you provided to other communications carriers. [Line 4 + Line 5 + Line 6 + Line 7]

5,624

36,900

(special access + UNE loop)

8,648

51,172

C. 9. Total voice grade lines. [Line 3 + Line 8]

1,425,157

762,290

(special access + UNE loop)

20,540

2,207,987

10. Contact Per James Smith

Contact Tel 202/326-3815

OMB NO: 3060-0816  
EXPIRATION DATE: 08/31/1999

Company Ameritech Corporation  
 State Wisconsin

II. Total voice grade lines 2/ that you owned 4/ that were in service to end users 3/ as of December 31, 1998 categorized by status of your switching center.

Switching Center Information			
Residential Switched (a)	Non-Residential Switched <u>5/</u> (b)	Special Access and UNE Loops <u>5/</u> (c)	Total Voice Grade Lines [(a) + (b) + (c)]
1,249,784	635,372	N/A	1,885,156
175,373	126,918	N/A	302,291
1,425,157	762,290	20,540	2,207,987

11. Lines in your switching centers where at least one competing communications carrier had an operational collocation arrangement for switched local exchange services.
12. Lines in your switching centers where no competing communications carrier had an operational collocation arrangement for switched local exchange services.
13. Total. [Line 11 + Line 12]  
 [also equals Line 1 + Line 4 + Line 5 + Line 6]

III. High capacity lines 1/ 2/ in service as of December 31, 1998.

High Capacity Lines <u>2/</u>			
Number of Physical Lines/Channels in Service		Capacity of Lines/Channels in Service	
(a) T1/T3	(b) Other	(c) T1/T3 (1.544 mbps equivalents)	(d) Other (1.544 mbps equivalents)
14,470	213	20,746	24,057
0	0	0	0
14,470	213	20,746	24,057
354	0	840	0
0	0	0	0
14,824	213	21,586	24,057

A. Lines you used to provide service to end users, 3/ categorized by:

14. Lines you owned. 4/
15. Lines you leased. 4/
16. Total lines you provided to end users. [Line 14 + Line 15]

B. 17. Total lines that you provided to other communications carriers.

C. 18. Total lines connecting end users to internet service providers (ISPs) that you provide to the ISP rather than to the end user. 3/

D. 19. Total high capacity lines that you provided.  
 [Line 16 + Line 17 + Line 18]

Company Ameritech Corporation

State Wisconsin

IV. Lines and channels 1/ in service as of December 31, 1998  
categorized by technology:

- 20. T1.
- 21. T3.
- 22. Up to T1 equiv. xDSL. 8/
- 23. Greater than T1 equiv. xDSL. 8/
- 24. Up to T1 equiv. coaxial (including fiber-fed). 8/
- 25. Greater than T1 equiv. coaxial (including fiber-fed). 8/
- 26. Optical carrier.
- 27. Up to T1 equiv. electrical power line. 8/
- 28. Greater than T1 equiv. electrical power line. 8/
- 29. Up to T1 equiv. satellite fixed. 8/
- 30. Greater than T1 satellite fixed. 8/
- 31. Satellite mobile.
- 32. Up to T1 equiv. wireless fixed. 8/
- 33. Greater than T1 wireless fixed. 8/
- 34. Wireless mobile.
- 35. Other -- up to T1 equiv. 8/
- 36. Other -- greater than T1 equiv. 8/

Number of One-Way and Full Broadband <u>7</u> / Lines/Channels connected to Residential <u>5</u> / Customers			
(a) One-Way Broadband Provided Over Own Facilities	(b) One-Way Broadband Provided Over Resold Facilities	(c) Full Broadband Provided Over Own Facilities	(d) Full Broadband Provided Over Resold Facilities
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

V. Minutes of switched service handled over both voice grade and high  
capacity lines in the fourth calendar quarter of 1998.

- 37. Total switched local, intrastate toll and interstate toll  
minutes originated or terminated with end users.
- 38. Total switched local minutes exchanged with competing  
local carriers in your service area. (Do not include minutes  
exchanged with mobile telephony carriers.)
- 39. Total switched minutes exchanged with  
mobile telephony carriers.

Minutes		
Terminating (a)	Originating (b)	Total [(a) + (b)]
<u>5,749,876,626</u>	<u>5,891,317,131</u>	<u>11,641,193,757</u>
<u>37,063,807</u>	<u>128,730,138</u>	<u>165,793,945</u>
<u>167,075,568</u>	<u>52,355,265</u>	<u>219,430,833</u>

OMB NO: 3060-0816  
EXPIRATION DATE: 08/31/1999

Purpose: Data from this survey will be used to describe competition in the local exchange market and to gather information about the deployment of broadband services to residential customers. In addition, the data will be used to identify how much of the competition is provided on a facilities vs. a resale basis. Carriers should file separate data for voice grade and for higher capacity lines. For the voice grade part of the market, carriers should file separate data for residential, non-residential, and special access and UNE loop service.

Use of the term "lines": Interpret "lines" to mean either physical lines or wireless channels whose function is similar to lines. In categorizing lines as voice grade vs. high capacity (Sections I and III) and by type of broadband technology deployment (Section IV), base your response on the portion of the line or channel that connects to the customer's premise.

Entering responses: Leave entries blank only when redacting data for a publicly available version of your response. Use the number "0" (zero) for those values which are known to be zero, including questions that do not apply to your operations. Enter "N.A." only when values are known to be positive but are unavailable for reporting or if you cannot determine whether or not you have anything in that category. Please do not redact "0" or "N.A." responses.

1/

Include vs. exclude: Report in Section I and Section III all lines and channels that connect directly to an end user premises at one end and, at the other end, (directly or indirectly) to a carrier switch or to a network that carries traffic to the public switched telephone network. For example:

- include:
- UNE loops provided to other communications carriers even if those carriers were not using those lines to provide service to end users.
  - fixed wireless channels.
  - symmetric and asymmetric xDSL lines that carried customer voice and data to internet protocol, ATM based, or circuit switched networks whence traffic reached the public switched telephone network.
  - dedicated lines that connected to an end user at one end, passed through your switch or switching center, and thence connected to another communication carrier's switch or network that carries traffic to the public switched telephone network.
- exclude:
- lines provided to carriers that were used for interoffice trunking.
  - private lines that connected one customer location directly to another.
  - lines not in service even if the lines were on order.
  - company official lines.
  - mobile satellite, cellular & PCS telephone service.
  - lines between your switching center and internet protocol, ATM or circuit switched networks, where you already are reporting the portion of the line between the end user and your switching center, even if you multiplexed those lines and provided higher capacity lines between your switching center and those networks.
  - lines that customers cannot use to place calls to subscribers of ordinary telephone service.

Report in Section IV all lines and channels used to provide broadband service to residential customers.

- include:
- all residential lines reported as high capacity lines in Section III.
  - lines that you use to provide internet access or internet services to residential customers.
  - lines to an residential end user that you provide to an internet service provider (ISP) and which the ISP uses to provide internet service to the residential end user.
- exclude:
- cable television service and other multi-channel video programming.
  - video on demand type service unless it is bundled with internet-type access.

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2/

Voice grade vs. high capacity: Count as one voice grade equivalent line: traditional analog POTS lines, Centrex-CO extensions, and Centrex-CU trunks. Count a UNE loop as a single voice grade equivalent line unless it is specifically provided and equipped as a high capacity line. Classify high capacity



lines/channels as T1/T3 vs. all other. Include DS1 and DS3 lines as T1/T3 lines/channels. Include xDSL, coaxial, optical carrier, electrical power, terrestrial fixed wireless and satellite fixed lines/channels as other lines/channels. In completing Section III, report actual line counts and capacity. For example, count eight 1/4 T1 circuits as eight physical lines and as two 1.544 mbps equivalents of capacity. Count optical carrier (SONET) lines as 33 T1 equivalents. Count a T3/DS3 line as 28 1.544 mbps equivalent lines. Count a PRI ISDN line as one 1.544 mbps equivalent line. Classify other digital lines as follows:

Reporting of Digital Lines/Channels				
Downstream Data Rate	Upstream Data Rate			
	Less than 48 kbps	48 kbps or more but less than 96 kbps	96 kbps up to 200 kbps	More than 200 kbps
Less than 48 kbps	do not report	do not report	do not report	one-way broadband
48 kbps or more but less than 96 kbps	do not report	one voice grade *	one voice grade *	high capacity and one-way broadband
96 kbps up to 200 kbps	do not report	one voice grade *	two voice grade *	high capacity and one-way broadband
More than 200 kbps	one-way broadband	high capacity and one-way broadband	high capacity and one-way broadband	high capacity and full broadband
* As noted above, digital lines are reported as voice grade lines only if they connect directly to an end user premises at one end and, at the other end, to a carrier switch or to a network that carries traffic to the public switched telephone network. For example, Basic Rate ISDN lines are reported as two voice grade lines.				

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5/ Residential vs. non-residential vs. special access and UNE loop: Classify lines as residential only if the line terminates with a residential end user. Exclude lines that terminate with business, government, education, shared tenant system, institutional and pay telephone customers. In Section I, classify all lines provided under UNE loop arrangements in column (c). Count a UNE loop as in service if it has been provided to and is being billed to the competing carrier regardless of whether that carrier has the line in service. Classify lines provided for resale as residential vs. non-residential according to the tariff/price list under which the service is provided. If the tariff/price list does not distinguish residential vs. non-residential service, estimate a split based on the demographics of the area in

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6/ A switching center is a location containing one or more switches. Do not count separate three-digit telephone prefixes as separate switching centers. Count a remote as a separate switching center if a competing carrier could obtain a UNE loop only at the remote switch rather than at the host switch. Note: this definition of a switching center is different from wire center based definitions of switching centers which include all remote switch locations as switching centers.

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8/ Up to vs. greater than T1 equiv. broadband: In Section IV, classify xDSL, coaxial, electrical power, satellite fixed, wireless fixed and other lines/channels as greater than T1 equivalent if they provide the residential end user with the capability of transmitting or receiving greater than 1.544 mbps in one direction. Classify other broadband lines/channels as up to T1 equivalent.

OMB NO: 3060-0816  
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Company

State

Space for comments or explanatory notes.

<u>Line</u>	<u>Comment</u>
1C	Data is estimated on a "by state" weighted average of January 1999 data applied to actual December 98 <i>regional</i> data. Note: January 1999 data was the first available monthly data set broken out by state. Includes voice grade exchange (analog private line) and special access.
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12C	Data is not available on a wire center basis.